

# Connor Vanderhook

## SENIOR SOFTWARE ENGINEER

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Technologist with 9 years of experience working in start-ups and enterprise across various industries including finance, media, government, and e-commerce

## Experience

### Kablamo ([kablamo.com.au](http://kablamo.com.au))

Sydney, AUS

#### SENIOR SOFTWARE ENGINEER

Oct 2021 - Nov 2022

- Developed APIs for an extreme weather monitoring platform, providing near real-time situational awareness and automated predictions.
- Led the design and build of a mobile telecommunications digital store and self service account portal for millions of monthly active users.
- Improved metrics and visibility of infrastructure costs for a large scale observability pipeline that logged PBs/mo by reducing cardinality from events emitted by a service mesh.

*Go, Typescript, ECS, Elasticsearch, AWS Lambda, API Gateway, GraphQL, Cloudformation, Codepipeline, Kinesis, DynamoDB, PostgreSQL, PostGIS*

### Kablamo

Sydney, AUS

#### SOFTWARE ENGINEER

Aug 2019 - Sep 2021

- Scaled an Elasticsearch cluster for a large e-commerce store by optimizing sharding strategies, tuning the JVM, and reducing slow queries to better support bursty traffic patterns.
- Built backend services in Typescript for a social media platform leveraging AWS serverless technologies enabling features such as user generated content and audio streaming.
- Designed and developed a contextual ad-targeting platform and automation services in use by popular media sites in the Asia-Pacific region.

### True Anthem ([trueanthem.com](http://trueanthem.com))

San Francisco, CA / Sydney (Remote)

#### FULL STACK SOFTWARE ENGINEER

Jan 2018 - Apr 2019

- Contributed to development of a scalable, performant social media analytics & automation platform using an event-driven micro-services oriented architecture streaming thousands of events per second through proprietary and third party APIs.
  - Migrated services from Mesos on AWS EC2 to Google Kubernetes Engine running on GCP leading to a reduction in overall operating cost.
  - Orchestrated the shipment of major product releases, and non-disruptive upgrades to schema registries, cluster infrastructure and dbms.
- Golang, Facebook & Twitter APIs, Cassandra, MongoDB, Kafka, Redis, HAProxy, Docker, Consul, Mesos, Cloudflare, Kubernetes*

### True Anthem

San Francisco, CA

#### TEAM LEAD CS & QA ENGINEERING

May 2016 - Jan 2018

- Learned to lead and motivate teammates, administer difficult conversations, and provide constructive feedback through peer and code reviews.
- Implemented a data warehouse leveraging Kafka (Streams & Connect), Prometheus, Grafana, and Big Query to provide a holistic view of our users and provide KPI metrics to business stakeholders%.
- Created Kafka consumer tools to replay system events and visualize historical actions during debugging and troubleshooting.

### True Anthem

San Francisco, CA

#### CUSTOMER SUCCESS ENGINEER

Sep 2015 - Apr 2016

- Developed internal tooling, scripts, and reports to automate repetitive maintenance tasks saving 100s of hours per quarter.
- Coordinated with client digital and technology groups to cultivate optimal site performance and provide real time user analytics with custom javascript event handling.
- Leveraged expertise in troubleshooting and problem solving to resolve bugs and deployment issues for our largest and most important projects.

### nCino ([ncino.com](http://ncino.com))

San Francisco, CA (Remote)

#### IMPLEMENTATION ENGINEER

Jun 2014 - Sep 2015

- Collaborated with product and engineering on architectural design of new features and services to meet enterprise client demands.
  - Initiated thought leading best practices for integrating nCino with existing business hardware, software, networks and proprietary applications.
- Salesforce, Informatica, Apex, Javascript, jQuery, SOAP and REST APIs.*

### nCino

Wilmington, NC

#### IT & CLOUD SYSTEMS ADMINISTRATOR

May 2013 - Jun 2014

- Managed system security and controls, adhering to compliance policies for tech companies classified under (SOC 2 Type 1 Cloud Architecture).
- Oversaw network, software, and equipment infrastructure and resolved end-user IT problems in a responsive and service oriented manner.

## Projects

### Lace

#### PRINCIPAL ENGINEER

Jun 2022 - Dec 2022

- Developed recording and streaming audio engine for a new audio based social media mobile application.
- Swift, SwiftUI, Typescript, Firebase, Terraform, Google Cloud Platform, GCS, Cloud Functions, Cloud Run, EventArc, PubSub, ffmpeg*

## Education

### University of North Carolina Wilmington

Wilmington, NC

#### BACHELOR OF SCIENCE

September 2009 - May 2013

Business Administration - Entrepreneurship & Business Development